

**APOA4 Antibody**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO1252a****Specification**

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**APOA4 Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">P06727.3</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Calculated MW	45kDa KDa

**Description**

APOA4: apolipoprotein A-IV. Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro.

**Immunogen**

Purified recombinant fragment of APOA4 (aa21-396) expressed in E. Coli. <br />

**Formulation**

Ascitic fluid containing 0.03% sodium azide. <br />

**APOA4 Antibody - Additional Information****Dilution**

WB~~1/500 - 1/2000

E~~N/A

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

APOA4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**APOA4 Antibody - Protein Information****APOA4 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### APOA4 Antibody - Images

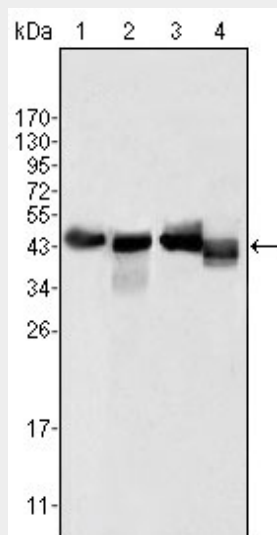


Figure 1: Western blot analysis using APOA4 mouse mAb against human serum (1), human plasma (2), HepG2 cell lysate (3) and SMMC-7721 cell lysate (4).

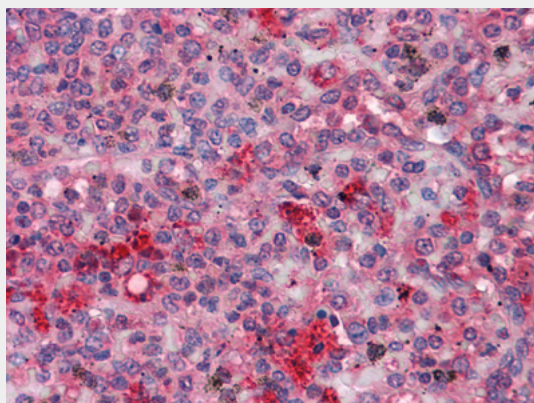


Figure 2: Immunohistochemical analysis of paraffin-embedded human Spleen tissues using FGR mouse mAb

#### APOA4 Antibody - References

1. J Biol Chem. 2006 Feb 10;281(6):3560-8.
2. Clin Chim Acta. 2008 Feb;388(1-2):78-83.